



SP02-199

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hrdina, et al

Examiner: TBD

Serial No: 10/659525

Group Art Unit: TBD

Filed: 9/9/2003

For: METHOD OF MAKING SILICA-TITANIA
EXTREME ULTRAVIOLET ELEMENTSINFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97 – 1.98Commissioner of Patents
Alexandria, VA 22313-1450

Dear Sir:

The Examiner's attention is hereby directed to the following reference(s) listed on the attached Form PTO-1449 for consideration in connection with the examination of the above-identified patent application. One copy of the reference(s) is enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the enclosed documents constitute "prior art." If it should be determined that any of the submitted documents do not constitute "prior art" under United States law, applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the enclosed references, should one or more of the references be applied against the claims of the present application.

Respectfully submitted,

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Date: 1/29/04

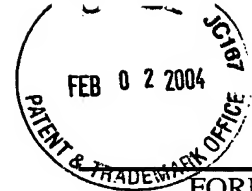
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents, Alexandria, Va 22313-1450 on 1-29-04

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Signature

1-29-04

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FORM PTO-1449 (MODIFIED)

ATTORNEY DOCKET NO.

SERIAL NO.

LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANTS INFORMATION
DISCLOSURE STATEMENT

SP02-199

10/659525

APPLICANT: Hrdina, et al.

FILING DATE 9/9/2003

GROUP: TBD

- REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date if Approp.
	AA	2002/0026810	3/7/02	Clasen et al	65	17.6	
	AB	2002/0043080	4/18/02	Best et al	65	61	
	AC	2003/0159464	8/28/03	Bowden et al	65	17.2	
	AD	2003/0159465	8/28/03	Bowden et al	65	17.3	
	AE	2003/0159466	8/28/03	Bowden et al	65	17.6	
	AF	2003/0226377	12/11/03	Barrett et al	65	17.4	
	AG	3,790,654	2/5/74	Bagley			
	AH	4,612,023	9/16/86	Kreutzer et al	65	32	
	AI	4,789,389	12/6/88	Schermerhorn et al	65	3.12	
	AJ	4,902,216	2/20/90	Cunningham et al	425	463	
	AK	4,940,675	7/10/90	Bohlayer et al	501	12	
	AL	5,154,744	10/13/92	Blackwell et al	65	3.12	
	AM	5,443,607	8/22/95	Englisch et al	65	64	
	AN	6,209,357	4/3/01	Bhandarkar et al	65	395	
	AO	6,415,630	7/9/02	Coriand et al	65	57	
	AP	6,553,789	4/29/03	Martin et al	65	67	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-Class	Translation Yes	No
	AQ	WO02/088035	11/7/02	PCT	C03B	8/04	X	
	AR	WO02/088036	3/25/02	PCT	C03B	8/04	X	
	AS	WO02/26647	4/4/02	PCT	C03B	37/016	X	
	AT	WO02/32616	4/25/02	PCT	B23P	13/04	X	
	AU	WO02/32622	4/28/02	PCT	B24B	7/24	X	
	AV	WO03/057633	7/17/03	PCT	C03B	20/00	X	
	AW	WO03/077038	9/18/03	PCT	G03B	7/20	X	
	AX	EP1106582	6/13/01	Europe	C03B	19/10	X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	AY	Charles A. Harper, Handbook of Ceramics, Glasses and Diamonds, Chapter 6.2.9, Paragraph 6.2.9.3.
	AZ	Hrdina et al. "Measureing and Tailoring CTE within ULE® Glass", in Glass, in <u>Microlithography 2003</u> , Proceedings of SPIE, Volume 5037
	BA	Stulen et al. "Extreme Ultraviolet Lithography", IEE Journal of Quantum Electronics, Vol. 35, No. 5, May 1999, Pages 694-699.
	BB	Mazurin et al. "Crystallization of Silica and Titanium Oxide-Silica Corning Glasses (Codes 7940 and 7971)", Journal of Non-Crystalline Solids 18 (1975), pages 1-9
	BC	Presentation entitled "EUV Lithography NGL Technology Review", given at NGL Workshop, Chicago, Illinois, June 9, 1990

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.